



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
① X ✓	EP 0 402 269 A (CENTRE NAT RECH SCIENT) 12 December 1990 (1990-12-12) * claims 1,2,4; example 1 * * page 4, line 5 - line 42 * * figures IA,IB,IC,IE *	1-10 2-33	C08G61/12
② X ✓	WO 94 15368 A (HERREMA JAN ;GILL RICHARD (NL); UNIV GRONINGEN (NL); WIERINGA REIN) 7 July 1994 (1994-07-07) * claims 10-14,17-20; figure 7 * * page 10, line 17 - page 11, line 33 *	1-4,9	
③ X ✓	EP 0 260 541 A (HONEYWELL INC) 23 March 1988 (1988-03-23) * claims 2,8; examples 5,10,12,17 * * page 5, line 24,25; figures 4,IA *	1,4,6-8	
④ X ✓	MCCULLOUGH, R. D.: "The chemistry of conducting polythiophenes" ADV. MATER., vol. 10, no. 2, 1998, pages 93-116, XP002230639 A * schemes 3, 4, 6, 7, 11 * * page 95 - page 98 *	1,10 2-9	TECHNICAL FIELDS SEARCHED (Int.Cl.7) C08G
⑤ X ✓	ANDERSSON, M. R.; THOMAS, O.; MAMMO, W.; SVENSSON, M.; THEANDER, M.; INGANÄS, O.: "Substituted polythiophenes designed for optoelectronic devices and conductors" J. MATER. CHEM., vol. 9, 1999, pages 1933-1940, XP002230638 * column 2; figures 2,5,8 *	1,10 -/-	
The present search report has been drawn up for all claims			
1	Place of search EPO FORM 1503 DA 02 (P04C01) MUNICH	Date of completion of the search 18. February 2003	Examiner Schütte, M
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			



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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
(6) X✓	SATO, M.; HIROI, M.: "Preparation of long alkyl-substituted oligothiophenes" CHEM. LETT., no. 6, June 1994 (1994-06), pages 985-988, XP009005709 * formulae 1-4 *	1-4, 9	
(7) X✓	VAN HUTTEN, P. F.; GILL, R. E.; HERREMA, J. K.; HADZIOANNOU, G.: "Structure of thiophene-based regioregular polymers and block copolymers and its influence on luminescence spectra" J. PHYS. CHEM., vol. 99, 1995, pages 3218-3224, XP002230716 * figure 3 *	1-4, 9	
(8) X✓	BÄUERLE, P. ET AL.: "Synthesis and structural characterization of alkyl oligothiophenes - the first isomerically pure dialkylsexithiophene" J. CHEM. SOC. PERKIN TRANS. 2, 1993, pages 489-494, XP009005708 * scheme 6, formula 12 *	1, 3, 4, 9	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
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T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons & : member of the same patent family, corresponding document			